

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	("3981486" "4789910" "4807073" "5048175" "5122916" "5483392" "5771568" "5772797" "5820980" "5898548" "5923502" "6034847" "RE29326").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L2	24	("3813692" "3814863" "4024489" "4354212" "4423451" "4523243" "4642716").PN. OR ("4807073").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L3	375667	(alumina or (al with o with L2) or aluminum adj2 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L4	375667	(alumina or (al with o with L2 with L3) or aluminum adj2 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L5	518930	(si with o with L2) or silicon adj2 dioxide or dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L6	44278	L4 same L5	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L7	4739073	pad or contacts or lead or stud	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L8	8494	L6 same L7	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L9	257	L8 and "360".das.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L10	3	("2003/0165034").URPN.	USPAT	OR	ON	2009/03/13 17:53
L11	34	("20020006018" "20030151858" "20030153103" "20030165034" "4853810" "5283942" "5303105" "5377058" "5452164" "5636088" "5640753" "5663856" "5710683" "5771570" "5793207" "5896243" "5896244" "5898542" "5909340" "5949627" "5991113" "6074566" "6078455" "6154952" "6212040" "6252741" "6366428" "6441994").PN. OR ("6813118").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53

L12	59	("5079035" "5268806" "5285339" "5325253" "5341118").PN. OR ("5434826").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L13	178598	(alumina or (al with o with L2 with L3) or aluminum adj2 oxide)	JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L14	2493449	pad or contacts or lead or stud	JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L15	305353	(si with o with L2) or silicon adj2 dioxide or dielectric	JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L16	1356	L13 same L14 same L15	JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L17	1193193	transducer\$1 or head\$1 or slider\$1	JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L18	51	L16 and L17	JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L19	2493449	pad or contact or lead or stud	JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L20	3266	L13 and L19 and L15	JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L21	1910	L20 not L16	JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L22	107	L17 and L21	JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L23	115	alumina adj2 undercoat	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L24	1231	stud and "360".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L25	1	contact adj pad same undercoat same dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L26	0	contact adj pad same undercoat same dielectric	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L27	1	pad same undercoat same dielectric	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L28	2	lead same undercoat same dielectric	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L29	47543	lead same insulat\$4	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53

L30	24	("3813692" "3814863" "4024489" "4354212" "4423451" "4523243" "4642716").PN. OR ("4807073").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L31	375667	(alumina or (al with o with L30) or aluminum adj2 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L32	709205	(pad or contact or lead or stud) same ((si with o with L30) or silicon adj2 dioxide or dielectric or alumina or (al with o with L30 with L31) or aluminum adj2 oxide or insulat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L33	159787	(transducer\$1 or head\$1 or slider\$1) and L32	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2009/03/13 17:53
L34	163859	(pad or contact or lead or stud) same ((si with o with L30) or silicon adj2 dioxide or dielectric or alumina or (al with o with L30 with L31) or aluminum adj2 oxide or insulat\$4) same dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L35	1904986	(transducer\$1 or head\$1 or slider\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L36	27874	L34 and L35	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L37	278921	(pad or contact or lead or stud) same ((si with o with L30) or silicon adj2 dioxide or dielectric or alumina or (al with o with L30 with L31) or aluminum adj2 oxide or insulat\$4 or dielectric) same (undercoat or under adj2 coat or layer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L38	60455	"360".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L39	5146	L37 and L38	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L40	48608	L37 and L35	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L41	7291451	between or interpos\$3 or interced\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L42	155917	L37 same L41	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L43	1225560	magnet\$3 or electro adj magnet\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L44	128806	L43 with L35	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53

L45	151251	(pad or contact or lead or stud) with ((si with o with L30) or silicon adj2 dioxide or dielectric or alumina or (al with o with L30 with L31) or aluminum adj2 oxide or insulat\$4 or dielectric) with (undercoat or under adj2 coat or layer)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L46	0	("2002/0131217").URPN.	USPAT	OR	ON	2009/03/13 17:53
L47	3	("2001/0004797").URPN.	USPAT	OR	ON	2009/03/13 17:53
L48	293	(360/234.5).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 17:53
L49	22	("4564723" "4636900" "4819094" "4926007" "4962437" "5491597" "5608591" "5694272" "5737152" "5754369" "5871655" "5896249" "5946163" "5959808" "5995328" "6028748" "6088235" "6487047" "6487048").PN. OR ("6839202").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L50	20	("5666717" "5687479" "5712749" "5717547" "5737152" "5754369" "5796552" "5809634" "5812344" "5844753" "5854724" "5933293" "5978177" "5986853" "5995329" "6004473" "6028748" "6035530").PN. OR ("6487047").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L51	12	("4313262" "5750415").PN. OR ("6035530").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L52	12	("5516720" "5814555" "5837618" "5872064" "5882968" "5918152" "5953625" "6035530").PN. OR ("6232214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L53	59	("4761699" "4819094" "4996623" "5001583" "5006946" "5034091" "5196377" "5231756" "5391842" "5473488" "5491597" "5519552" "5528819" "5530604" "5539596" "5597496").PN. OR ("5737152").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53

L54	27	("5001583" "5666717" "5680274" "5687479" "5712749" "5717547" "5737152" "5754369" "5796552" "5809634" "5812344" "5844753" "5854724" "5933293" "5955176" "5978177" "5982584" "5986853" "5995329" "6004473" "6028748" "6035530" "6146813" "6282064" "6326301" "6475903" "RE37869").PN. OR ("6731467").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L55	10	("3981486" "6034847" "5820980" "5048175" "4789910" "RE29326" "5122916" "5772797" "5771568" "5483392").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L56	48	("4799118" "5126907" "5239435" "5301079" "5315468" "5343422" "5435053" "5438747" "5465185" "5590008" "5652687" "5805391" "5828533").PN. OR ("6034847").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L57	349	(360/322).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 17:53
L58	1	("6122148").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 17:53
L59	5	("5473486" "5986851").PN. OR ("6122148").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L60	22	("4219853" "5184393" "5237476" "5301077").PN. OR ("5473486").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L61	8	("5270888" "5473486" "5781377" "5986851").PN. OR ("6373659").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L62	141	(360/234.3).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 17:53
L63	184	(360/234.7).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 17:53
L64	18	("4893203" "5083365").PN. OR ("5469312").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L65	12	("4639803" "4796127").PN. OR ("4893203").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53

L66	15	("4139442" "4214946" "4855854" "4893203" "5146379" "5198934" "5271802" "5323283" "5635082" "5652687" "5687045" "5861103" "5985163").PN. OR ("6623652").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L67	24	("4219853" "4317149" "4405960" "4759118" "4800454" "4809103" "4823205").PN. OR ("5001591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L68	8	("4856181" "4949209" "5001591" "5326429" "5650897" "5738931" "6232563").PN. OR ("6476485").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L69	53	("3813693" "3975773" "4149205" "4152741").PN. OR ("4317149").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L70	66	("3414971" "3846841" "3855625" "3908194" "4001890" "4130847" "Re29326").PN. OR ("4219853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L71	2359	bull and wawick ceramic	IBM_TDB	OR	ON	2009/03/13 17:53
L72	0	bull and wawick and ceramic	IBM_TDB	OR	ON	2009/03/13 17:53
L73	0	bull and wawick	IBM_TDB	OR	ON	2009/03/13 17:53
L74	0	bull and cermic	IBM_TDB	OR	ON	2009/03/13 17:53
L75	1	bull and ceramic	IBM_TDB	OR	ON	2009/03/13 17:53
L76	0	"1972" and L63 and L55	IBM_TDB	OR	ON	2009/03/13 17:53
L77	0	wawick and ceramic	IBM_TDB	OR	ON	2009/03/13 17:53
L78	37	ceramic and slider	IBM_TDB	OR	ON	2009/03/13 17:53
L79	7306	composite head	IBM_TDB	OR	ON	2009/03/13 17:53
L80	96	composite and head	IBM_TDB	OR	ON	2009/03/13 17:53
L81	3844	alignment sliders	IBM_TDB	OR	ON	2009/03/13 17:53
L82	39	alignment and sliders	IBM_TDB	OR	ON	2009/03/13 17:53

L83	24	("4219853" "4317149" "4405960" "4759118" "4800454" "4809103" "4823205").PN. OR ("5001591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L84	1	("5283491").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 17:53
L85	1	("5048175").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 17:53
L86	1	10/087332	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L87	528	(hard adj bake or hardbake) with photoresist	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L88	71	"360".clas. and L87	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/13 17:53
L89	2	((hard adj bak\$3 or hardbak \$3) with photoresist) and (silicon adj dioxide or (Si with O) and (mr or DOMR or mre or magneto adj resist\$5 or magnetoresist\$5 or amr or magnetic\$4 adj resist\$5 or gmr\$1 or spin adj valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr or mram or magnetic adj memory or magnetic adj random adj access adj memory or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)).ti,ab,clm.	JPO; DERWENT	OR	ON	2009/03/13 17:53
L90	9	((hard adj bak\$3 or hardbak \$3) with photoresist) and (silicon adj dioxide or (Si with O))	JPO; DERWENT	OR	ON	2009/03/13 17:53
L91	621	((hard adj bak\$3 or hardbak \$3) with photoresist) and (silicon adj dioxide or (Si with O))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L92	46	((hard adj bak\$3 or hardbak \$3) with photoresist) and (silicon adj dioxide or (Si with O) and (mr or DOMR or mre or magneto adj resist\$5 or magnetoresist\$5 or amr or magnetic\$4 adj resist\$5 or gmr\$1 or spin adj valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr or mram or magnetic adj memory or magnetic adj random adj access adj memory or DSV or TJM or macro adj magnetoresist\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53

		or macromagnetoresist \$5 or piggyback or ((composite or combination or merged) adj4 head\$1)).ti,ab,dlm.				
L93	22	((hard adj bak\$3 or hardbak \$3 or cured) with photoresist) same (silicon adj dioxide or (Si with O)) same dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 17:53
L94	1	("5966800").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 17:53
L95	3	((("5966800" or ("6122148" or ("5001591"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 17:53
L96	1	("4807073").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 19:13
L97	1	("5805390").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 19:14
L98	1	(electrical contact pad conducting stud substrate magnetic head).dlm.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/13 19:34
S1	13	((("3981486" "4789910" "4807073" "5048175" "5122916" "5483392" "5771568" "5772797" "5820980" "5898548" "5923502" "6034847" "RE29326").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:03
S2	20	((("3813692" "3814863" "4024489" "4354212" "4423451" "4523243" "4642716").PN. OR ("4807073").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:16
S3	279322	(alumina or (al with o with S2) or aluminum adj2 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:17
S4	279322	(alumina or (al with o with S2 with S3) or aluminum adj2 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:39
S5	345577	(si with o with S2) or silicon adj2 dioxide or dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:58
S6	27906	S4 same S5	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:18
S7	3687519	pad or contacts or lead or stud	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:39
S8	5653	S6 same S7	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:20
S9	154	S8 and "360".das.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:20
S10	1	("2003/0165034").URPN.	USPAT	OR	ON	2005/05/11 09:23

S11	28	("20020006018" "20030151858" "20030153103" "20030165034" "4853810" "5283942" "5303105" "5377058" "5452164" "5636088" "5640753" "5663856" "5710683" "5771570" "5793207" "5896243" "5896244" "5898542" "5909340" "5949627" "5991113" "6074566" "6078455" "6154952" "6212040" "6252741" "6366428" "6441994").PN. OR ("6813118").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:23
S12	49	("5079035" "5268806" "5285339" "5325253" "5341118").PN. OR ("5434826").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 09:33
S13	127999	(alumina or (al with o with S2 with S3) or aluminum adj2 oxide)	JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 09:39
S14	2054271	pad or contacts or lead or stud	JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 09:59
S15	228308	(si with o with S2) or silicon adj2 dioxide or dielectric	JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 09:40
S16	449	S13 same S14 same S15	JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 09:42
S17	979540	transducer\$1 or head\$1 or slider\$1	JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 14:09
S18	25	S16 and S17	JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 09:58
S19	2054271	pad or contact or lead or stud	JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 14:06
S20	837	S13 and S19 and S15	JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 09:59
S21	388	S20 not S16	JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 10:03
S22	28	S17 and S21	JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 09:59
S23	85	alumina adj2 undercoat	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:04

S24	1060	stud and "360".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 13:49
S25	1	contact adj pad same undercoat same dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:05
S26	0	contact adj pad same undercoat same dielectric	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 14:05
S27	1	pad same undercoat same dielectric	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 14:05
S28	2	lead same undercoat same dielectric	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 14:06
S29	42071	lead same insulat\$4	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 14:06
S30	20	("3813692" "3814863" "4024489" "4354212" "4423451" "4523243" "4642716").PN. OR ("4807073").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:08
S31	279322	(alumina or (al with o with S30) or aluminum adj2 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:08
S32	557433	(pad or contact or lead or stud) same ((si with o with S30) or silicon adj2 dioxide or dielectric or alumina or (al with o with S30 with S31) or aluminum adj2 oxide or insulat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:10
S33	128728	(transducer\$1 or head\$1 or slider\$1) and S32	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/05/11 14:10
S34	111366	(pad or contact or lead or stud) same ((si with o with S30) or silicon adj2 dioxide or dielectric or alumina or (al with o with S30 with S31) or aluminum adj2 oxide or insulat\$4) same dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:10
S35	1534066	(transducer\$1 or head\$1 or slider\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:16
S36	19010	S34 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:10
S37	189349	(pad or contact or lead or stud) same ((si with o with S30) or silicon adj2 dioxide or dielectric or alumina or (al with o with S30 with S31) or aluminum adj2 oxide or insulat\$4 or dielectric) same (undercoat or under adj2 coat or layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:16

S38	48535	"360". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:11
S39	3241	S37 and S38	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:11
S40	32737	S37 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:12
S41	5626296	between or interpos\$3 or interced\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:13
S42	110425	S37 same S41	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:13
S43	6240072	between or interpos\$3 or interced\$3 or on or above or below	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:13
S44	131850	S43 same S37	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:14
S45	22773	S35 and S44	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:15
S46	837619	magnet\$3 or electro adj magnet\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:15
S47	96948	S46 with S35	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:16
S48	3915	S44 and S47	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:16
S49	94632	(pad or contact or lead or stud) with ((si with o with S30) or silicon adj2 dioxide or dielectric or alumina or (al with o with S30 with S31) or aluminum adj2 oxide or insulat\$4 or dielectric) with (undercoat or under adj2 coat or layer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:17
S50	35241	S49 with S43	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:17
S51	1240	S47 and S50	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 14:18
S52	0	("2002/0131217").URPN.	USPAT	OR	ON	2005/05/11 14:25
S53	0	("2001/0004797").URPN.	USPAT	OR	ON	2005/05/11 14:36
S54	177	(360/234.5).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/11 14:36

S55	19	("4564723" "4636900" "4819094" "4926007" "4962437" "5491597" "5608591" "5694272" "5737152" "5754369" "5871655" "5896249" "5946163" "5959808" "5995328" "6028748" "6088235" "6487047" "6487048").PN. OR ("6839202").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 16:02
S56	19	("5666717" "5687479" "5712749" "5717547" "5737152" "5754369" "5796552" "5809634" "5812344" "5844753" "5854724" "5933293" "5978177" "5986853" "5995329" "6004473" "6028748" "6035530").PN. OR ("6487047").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 16:03
S57	11	("4313262" "5750415").PN. OR ("6035530").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/11 16:04
S58	8	("5516720" "5814555" "5837618" "5872064" "5882968" "5918152" "5953625" "6035530").PN. OR ("6232214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 09:27
S59	42	("4761699" "4819094" "4996623" "5001583" "5006946" "5034091" "5196377" "5231756" "5391842" "5473488" "5491597" "5519552" "5528819" "5530604" "5539596" "5597496").PN. OR ("5737152").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 09:30
S60	27	("5001583" "5666717" "5680274" "5687479" "5712749" "5717547" "5737152" "5754369" "5796552" "5809634" "5812344" "5844753" "5854724" "5933293" "5955176" "5978177" "5982584" "5986853" "5995329" "6004473" "6028748" "6035530" "6146813" "6282064" "6326301" "6475903" "RE37869").PN. OR ("6731467").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 09:37
S61	10	("3981486" "6034847" "5820980" "5048175" "4789910" "RE29326" "5122916" "5772797" "5771568" "5483392").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 09:37

S62	37	("4799118" "5126907" "5239435" "5301079" "5315468" "5343422" "5435053" "5438747" "5465185" "5590008" "5652687" "5805391" "5828533").PN. OR ("6034847").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 09:45
S63	252	(360/322).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/12 10:21
S64	1	("6122148").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/12 10:21
S65	4	("5473486" "5986851").PN. OR ("6122148").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 10:54
S66	19	("4219853" "5184393" "5237476" "5301077").PN. OR ("5473486").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 10:54
S67	8	("5270888" "5473486" "5781377" "5986851").PN. OR ("6373659").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 10:57
S68	69	(360/234.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/12 10:59
S69	142	(360/234.7).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/12 10:59
S70	13	("4893203" "5083365").PN. OR ("5469312").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 11:02
S71	11	("4639803" "4796127").PN. OR ("4893203").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 11:03
S72	13	("4139442" "4214946" "4855854" "4893203" "5146379" "5198934" "5271802" "5323283" "5635082" "5652687" "5687045" "5861103" "5985163").PN. OR ("6623652").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 11:06
S73	24	("4219853" "4317149" "4405960" "4759118" "4800454" "4809103" "4823205").PN. OR ("5001591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 11:11
S74	7	("4856181" "4949209" "5001591" "5326429" "5650897" "5738931" "6232563").PN. OR ("6476485").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 11:14
S75	47	("3813693" "3975773" "4149205" "4152741").PN. OR ("4317149").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 11:24

S76	61	("3414971" "3846841" "3855625" "3908194" "4001890" "4130847" "Re29326").PN. OR ("4219853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 11:29
S77	2359	bull and wawick ceramic	IBM_TDB	OR	ON	2005/05/12 12:33
S78	0	bull and wawick and ceramic	IBM_TDB	OR	ON	2005/05/12 12:33
S79	0	bull and wawick	IBM_TDB	OR	ON	2005/05/12 12:33
S80	0	bull and cermic	IBM_TDB	OR	ON	2005/05/12 12:33
S81	1	bull and ceramic	IBM_TDB	OR	ON	2005/05/12 12:34
S82	0	"1972" and S69 and S61	IBM_TDB	OR	ON	2005/05/12 12:34
S83	0	wawick and ceramic	IBM_TDB	OR	ON	2005/05/12 12:34
S84	37	ceramic and slider	IBM_TDB	OR	ON	2005/05/12 12:35
S85	7306	composite head	IBM_TDB	OR	ON	2005/05/12 12:36
S86	96	composite and head	IBM_TDB	OR	ON	2005/05/12 12:36
S87	3844	alignment sliders	IBM_TDB	OR	ON	2005/05/12 12:36
S88	39	alignment and sliders	IBM_TDB	OR	ON	2005/05/12 12:36
S89	24	("4219853" "4317149" "4405960" "4759118" "4800454" "4809103" "4823205").PN. OR ("5001591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 13:52
S90	1	("5283491").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/12 15:09
S91	1	("5048175").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/12 15:46
S92	1	10/087332	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 15:46
S93	306	(hard adj bake or hardbake) with photoresist	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 15:47
S94	37	"360".das. and S93	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 16:31

S95	1	((hard adj bak\$3 or hardbak \$3) with photoresist) and (silicon adj dioxide or (Si with O)) and (mr or DOMR or mre or magneto adj resist\$5 or magnetoresist\$5 or amr or magnetic\$4 adj resist\$5 or gmr\$1 or spin adj valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr or mram or magnetic adj memory or magnetic adj random adj access adj memory or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)).ti,ab,clm.	JPO; DERWENT	OR	ON	2005/05/12 16:34
S96	2	((hard adj bak\$3 or hardbak \$3) with photoresist) and (silicon adj dioxide or (Si with O))	JPO; DERWENT	OR	ON	2005/05/12 16:36
S97	369	((hard adj bak\$3 or hardbak \$3) with photoresist) and (silicon adj dioxide or (Si with O))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 16:35
S98	36	((hard adj bak\$3 or hardbak \$3) with photoresist) and (silicon adj dioxide or (Si with O)) and (mr or DOMR or mre or magneto adj resist\$5 or magnetoresist\$5 or amr or magnetic\$4 adj resist\$5 or gmr\$1 or spin adj valve\$1 or svmr\$1 or tjmr\$1 or tmj\$1 or tmr or mram or magnetic adj memory or magnetic adj random adj access adj memory or DSV or TJM or macro adj magnetoresist\$5 or macromagnetoresist\$5 or piggyback or ((composite or combination or merged) adj4 head\$1)).ti,ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 16:43
S99	15	((hard adj bak\$3 or hardbak \$3 or cured) with photoresist) same (silicon adj dioxide or (Si with O)) same dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/13 09:18
S100	1	("5966800").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/13 09:38
S101	3	((("5966800") or ("6122148") or ("5001591"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/13 10:34

3/ 13/ 09 7:35:45 PM

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